SIGNALS FROM PREVIOUS PHASE TO REMAIN

12" 12" 12"

11,12,13,14, 15,16,17,18 — 6,7,8, 9,10 — 4,5

SIGNALS FROM PREVIOUS PHASE TO BE RELOCATED

12" 12"

3 — 1,2

VIDEO TRAFFIC DETECTION SYSTEM

SIGNS FROM PREVIOUS PHASE TO REMAIN

R10-4(1) 9"x12" — 23,24,25,26

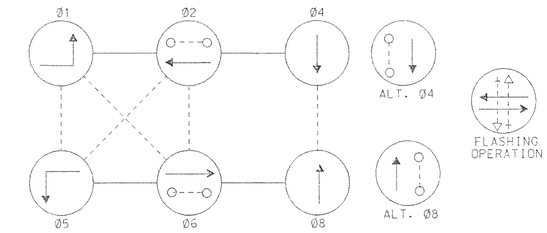
R10-12 36"X42" — 20

D-3(1) DUAL FACED VARIABLE X 16" — 21,22

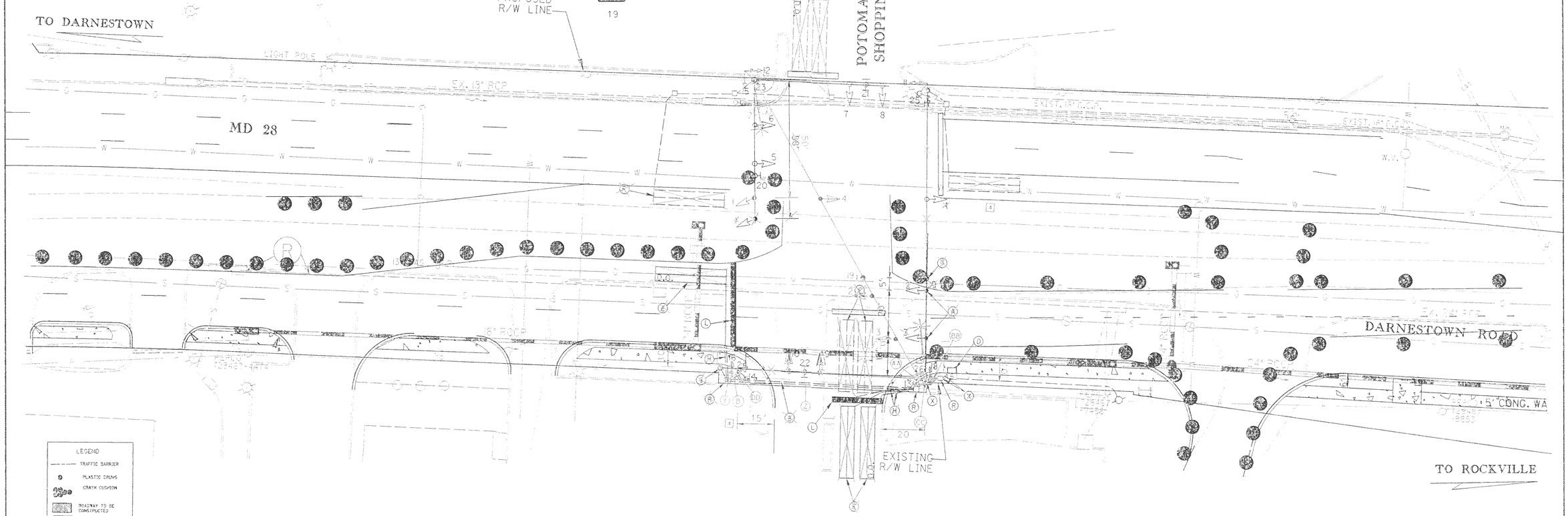
SIGN FROM PREVIOUS PHASE TO BE RELOCATED

R10-12 36"X42" — 19

NEMA PHASING



NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. RELOCATE SIGNAL HEAD.
B. INSTALL 3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (PRIOR TO SIDEWALK CONSTRUCTION WHERE APPLICABLE).
~~[4] C. REMOVE 18" ALUMINUM WOOD POLE AND SPAN WIRE ON WATTLESS CORNER.~~
D. USE CONTROLLER INSTALLED IN PREVIOUS PHASE.
~~[4] E. INSTALL PROPOSED 6 FEET X 30 FEET QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN PLEXIBLE TUBING.~~
F. ABANDON EXISTING DETECTOR.
G. RELOCATE OVERHEAD SIGN.
~~[4] H. INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE.~~
L. INSTALL PROPOSED 24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.
R. USE ELECTRICAL HANDHOLE INSTALLED IN PREVIOUS PHASE.
X. USE ELECTRICAL CONDUIT INSTALLED IN PREVIOUS PHASE.
[4] Y. INSTALL ELECTRICAL HANDHOLE
[4] Z. INSTALL 3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED
[4] AA. MAINTAIN TEMPORARY WOOD POLE. REMOVE SIGNALS, SIGN. RELOCATE VIDEO DETECTION SYSTEM ON TO STEEL POLE AS SHOWN.
[4] BB. INSTALL 4 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT- TRENCHED.
[4] CC. INSTALL 27 FOOT STEEL POLE, WITH TWIN 50 FOOT AND 60 FOOT MAST ARM. INSTALL SIGNAL HEADS, VIDEO TRAFFIC DETECTION SYSTEM, 20 FOOT LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL, SIGN AND PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN AS SHOWN.
[4] DD. INSTALL 10 FOOT PEDESTAL, PEDESTRIAN SIGNAL HEADS, AND PUSHBUTTON AND SIGN AS SHOWN.

GEOMETRICS LEGEND

PROPOSED GEOMETRICS
EXISTING GEOMETRICS

LEGEND OF UTILITIES

WATER	W
GAS	G
UNDERGROUND TELEPHONE	T
SANITARY SEWER	S
UNDERGROUND ELECTRIC	E
AERIAL	A
STORM DRAIN	SD
SEWAGE FORCE MAIN	FM
CABLE TV	TV

REVISION 'A'

KCI TECHNOLOGIES

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21030-1888
(410) 316-7800

REVISIONS

(A) 10-00 NEW
MD 28 GEOMETRICS
SHA CONT. NO. MD5285271
(A) ADDENDUM NO. 3
REPLACEMENT SHEET
12/19/2000
[4] REDLINE NO. 4
REPLACEMENT SHEET
9/07/2001
A.P.

APPROVALS

PROJECT MANAGER, SIGNAL DESIGN DIVISION
ORIGINAL
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
ON
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
FILE
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
PHASE 2 CONSTRUCTION
MD 28 (DARNESTOWN RD) AND POTOMAC VALLEY SHOPPING CENTER

TSP 21

DRAWN BY: S.C.K.	F.A.P. NO.		TS NO. 3474A-PX-2	SHEET NO. 320 OF 434
CHECKED BY: STEVE RENZI	S.H.A. NO.	M528-501-371		
SCALE: 1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. 0107	
DATE: OCTOBER 1994	LOG MILE:	15002815.79		

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